



# V Zone Building Design and Performance Certificate

For New Construction, Substantial Improvements, and the repair of damage to buildings in Coastal Special Flood Hazard Area (Zone V)

To be completed by a Registered Professional Engineer or Architect

Building Owner \_\_\_\_\_ Flood Insurance Policy # \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Building Location \_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ County \_\_\_\_\_

Other Legal Description \_\_\_\_\_

Within City Limits? Y\_\_ / N\_\_ /

## Section 1: Flood Insurance Rate Map (FIRM) data

NOTE: This Certificate is NOT a substitute for an Elevation Certificate.

Community Name \_\_\_\_\_ Community ID Number \_\_\_\_\_ FIRM Panel Number \_\_\_\_\_

Panel Suffix \_\_\_\_\_ FIRM Zone \_\_\_\_\_ Date of FIRM Panel \_\_\_\_\_ Date of Index \_\_\_\_\_

## Section 2: Elevation Information

Record elevations to the one tenth (1/10) of a foot.

1. Elevation of the bottom of the Lowest Horizontal Structural Member..... \_\_\_\_\_ feet
2. Base Flood Elevation (BFE)..... \_\_\_\_\_ feet
3. Elevation of Lowest Adjacent Grade (LAG)..... \_\_\_\_\_ feet
4. Foundation type: Piling \_\_/ Post \_\_/ Pier \_\_/ Column \_\_/ Fill \_\_/ Shear Wall \_\_/ Enclosed Wall \_\_/  
Foundation Description: \_\_\_\_\_
5. Approximate depth of scour/erosion used for foundation design..... \_\_\_\_\_ feet
6. Embedment depth of pilings or foundation below LAG..... \_\_\_\_\_ feet
7. Datum used: NGVD 29 \_\_/ NAVD 88 \_\_/ Other \_\_\_\_\_

### Section 3: V Zone Certifying Statement

I certify that I have developed or reviewed the structural design, plans, and specifications for construction and that the proposed design and methods of construction are in accordance with accepted standards of practice for meeting the following provisions:

- ⊃ The bottom of the lowest horizontal structural member of the lowest floor (including piles and columns) is elevated to above the BFE; and
- ⊃ The pile or column foundation and structure attached thereto is anchored to resist floatation, collapse, and lateral movement due to the effects of wind and water loads acting simultaneously on all building components. Water loading values used are those associated with the base flood. Wind loading values used are those required by the applicable State or local building code. The potential for scour and erosion at the foundation has been anticipated for conditions associated with the base flood, including wave action.

Signature \_\_\_\_\_

Phone Number \_\_\_\_\_ EMAIL \_\_\_\_\_

Representing \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

